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RAW SEQUENCE LISTING

DATE: 09/18/2002

PATENT APPLICATION: US/10/085,239A

TIME: 15:41:15

Input Set : A:\00085683.txt

Output Set: N:\CRF4\09182002\J085239A.raw

ENTERED

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3 <110> APPLICANT: University of Sheffield
4     Ward, Simon
5     Bavik, Claes
6     Cork, Michael
7     Tazi-aahnini, Rachid
9 <120> TITLE OF INVENTION: Treatment of Hyperproliferative Diseases
11 <130> FILE REFERENCE: 674569-2001
13 <140> CURRENT APPLICATION NUMBER: 10/085,239A
C--> 14 <141> CURRENT FILING DATE: 2002-09-06
16 <160> NUMBER OF SEQ ID NOS: 23
18 <170> SOFTWARE: PatentIn version 3.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 17
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Example of retinoic response element found in humans and/or
mice
28 <220> FEATURE:
29 <221> NAME/KEY: misc_feature
30 <222> LOCATION: (7)..(7)
31 <223> OTHER INFORMATION: "n" can be a,t,g, or c
34 <220> FEATURE:
35 <221> NAME/KEY: misc_feature
36 <222> LOCATION: (8)..(8)
37 <223> OTHER INFORMATION: "n" can be a,t,g, or c
40 <220> FEATURE:
41 <221> NAME/KEY: misc_feature
42 <222> LOCATION: (9)..(9)
43 <223> OTHER INFORMATION: "n" can be a,t,g, or c
46 <220> FEATURE:
47 <221> NAME/KEY: misc_feature
48 <222> LOCATION: (10)..(10)
49 <223> OTHER INFORMATION: "n" can be a,t,g or c
52 <220> FEATURE:
53 <221> NAME/KEY: misc_feature
54 <222> LOCATION: (11)..(11)
55 <223> OTHER INFORMATION: "n" can be a,t,g, or c
58 <400> SEQUENCE: 1
@K> 59 aggtcannnn naggtca
62 <210> SEQ ID NO: 2
63 <211> LENGTH: 14
64 <212> TYPE: DNA
65 <213> ORGANISM: Unknown

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67 <220> FEATURE:
68 <223> OTHER INFORMATION: Example of DR-2 retinoic response element found in humans
and/or
69 mice
71 <220> FEATURE:
72 <221> NAME/KEY: misc_feature
73 <222> LOCATION: (7)..(7)
74 <223> OTHER INFORMATION: "n" can be a,t,g, or c
77 <220> FEATURE:
78 <221> NAME/KEY: misc_feature
79 <222> LOCATION: (8)..(8)
80 <223> OTHER INFORMATION: "n" can be a,t,g, or c
83 <400> SEQUENCE: 2
84 aggtcannag gtca 14
87 <210> SEQ ID NO: 3
88 <211> LENGTH: 15
89 <212> TYPE: DNA
90 <213> ORGANISM: Unknown
92 <220> FEATURE:
93 <223> OTHER INFORMATION: example of consensus vitamin D response element found in
humans a
94 nd/or mice
96 <220> FEATURE:
97 <221> NAME/KEY: misc_feature
98 <222> LOCATION: (7)..(7)
99 <223> OTHER INFORMATION: "n" can be a,t,g or c
102 <220> FEATURE:
103 <221> NAME/KEY: misc_feature
104 <222> LOCATION: (8)..(8)
105 <223> OTHER INFORMATION: "n" can be a,t,g or c
108 <400> SEQUENCE: 3
109 ggggtgannngg gggca 15
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113 <211> LENGTH: 15
114 <212> TYPE: DNA
115 <213> ORGANISM: Unknown
117 <220> FEATURE:
118 <223> OTHER INFORMATION: example of vitamin D response element found in humans and/or
mice
120 <220> FEATURE:
121 <221> NAME/KEY: misc_feature
122 <222> LOCATION: (7)..(7)
123 <223> OTHER INFORMATION: "n" can be a,t,g, or c
126 <220> FEATURE:
127 <221> NAME/KEY: misc_feature
128 <222> LOCATION: (8)..(8)
129 <223> OTHER INFORMATION: "n" can be a,t,g, or c
132 <220> FEATURE:
133 <221> NAME/KEY: misc_feature
134 <222> LOCATION: (9)..(9)
135 <223> OTHER INFORMATION: "n" can be a,t,g, or c
138 <400> SEQUENCE: 4

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Input Set : A:\00085683.txt

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139 aggtcannna ggtca 15
 142 <210> SEQ ID NO: 5
 143 <211> LENGTH: 13
 144 <212> TYPE: DNA
 145 <213> ORGANISM: Unknown
 147 <220> FEATURE:
 148 <223> OTHER INFORMATION: example of Peroxisome Proliferator-Activated Receptor
 Response E
 149 element found in humans and/or mice
 151 <220> FEATURE:
 152 <221> NAME/KEY: misc_feature
 153 <222> LOCATION: (6)..(6)
 154 <223> OTHER INFORMATION: "n" can be a,t,g, or c
 157 <400> SEQUENCE: 5
 158 aggtcnaagg tca 13
 161 <210> SEQ ID NO: 6
 162 <211> LENGTH: 16
 163 <212> TYPE: DNA
 164 <213> ORGANISM: Unknown
 166 <220> FEATURE:
 167 <223> OTHER INFORMATION: example of thyroid response element found in humans and/or
 mice
 169 <220> FEATURE:
 170 <221> NAME/KEY: misc_feature
 171 <222> LOCATION: (7)..(7)
 172 <223> OTHER INFORMATION: "n" can be a,t,g or c
 175 <220> FEATURE:
 176 <221> NAME/KEY: misc_feature
 177 <222> LOCATION: (8)..(8)
 178 <223> OTHER INFORMATION: "n" can be a,t,g or c
 181 <220> FEATURE:
 182 <221> NAME/KEY: misc_feature
 183 <222> LOCATION: (9)..(9)
 184 <223> OTHER INFORMATION: "n" can be a,t,g or c
 187 <220> FEATURE:
 188 <221> NAME/KEY: misc_feature
 189 <222> LOCATION: (10)..(10)
 190 <223> OTHER INFORMATION: "n" can be a,t,g or c
 193 <400> SEQUENCE: 6
 194 aggtcannnn aggtca 16
 197 <210> SEQ ID NO: 7
 198 <211> LENGTH: 13
 199 <212> TYPE: DNA
 200 <213> ORGANISM: chicken
 202 <220> FEATURE:
 203 <221> NAME/KEY: misc_feature
 204 <222> LOCATION: (7)..(7)
 205 <223> OTHER INFORMATION: "n" can be a,t,g, or c
 208 <400> SEQUENCE: 7
 209 aggtcanagg tca 13
 212 <210> SEQ ID NO: 8

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213 <211> LENGTH: 9
214 <212> TYPE: DNA
215 <213> ORGANISM: homo sapiens
217 <220> FEATURE:
218 <221> NAME/KEY: misc_feature
219 <222> LOCATION: (2)..(2)
220 <223> OTHER INFORMATION: "n" can be a,t,g, or c
223 <220> FEATURE:
224 <221> NAME/KEY: misc_feature
225 <222> LOCATION: (9)..(9)
226 <223> OTHER INFORMATION: "h" can be a, c or t/u
229 <220> FEATURE:
230 <221> NAME/KEY: misc_feature
231 <222> LOCATION: (7)..(7)
232 <223> OTHER INFORMATION: "h" can be a, c or t/u
235 <220> FEATURE:
236 <221> NAME/KEY: misc_feature
237 <222> LOCATION: (1)..(1)
238 <223> OTHER INFORMATION: "v" can be a, g or c
241 <220> FEATURE:
242 <221> NAME/KEY: misc_feature
243 <222> LOCATION: (8)..(8)
244 <223> OTHER INFORMATION: "n" can be a,t,g, or c
247 <400> SEQUENCE: 8
248 vngatahnh 9
251 <210> SEQ ID NO: 9
252 <211> LENGTH: 22
253 <212> TYPE: DNA
254 <213> ORGANISM: homo sapiens
256 <400> SEQUENCE: 9
257 gcatcattgc tgagggtcaag gc 22
260 <210> SEQ ID NO: 10
261 <211> LENGTH: 18
262 <212> TYPE: DNA
263 <213> ORGANISM: homo sapiens
265 <400> SEQUENCE: 10
266 cgataccaag acctccac 18
269 <210> SEQ ID NO: 11
270 <211> LENGTH: 13
271 <212> TYPE: PRT
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Peptide 589 synthesised to mimic the proposed binding
regions of
276 RBP to its receptor
278 <400> SEQUENCE: 11
280 Gly Arg Val Arg Leu Leu Asn Asn Trp Asp Val Cys Ala
281 1 5 10
284 <210> SEQ ID NO: 12
285 <211> LENGTH: 15

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286 <212> TYPE: PRT
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Peptide 592 synthesised to mimic the proposed binding
regions of
291      RBP to its receptor
293 <400> SEQUENCE: 12
295 Met Lys Tyr Trp Gly Val Ala Ser Phe Leu Gln Lys Gly Asn Asp
296 1          5          10          15
299 <210> SEQ ID NO: 13
300 <211> LENGTH: 18
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Primer sense 726-743 used to make probe against K10
307 <400> SEQUENCE: 13
308 tggaggctga catcaacg                                18
311 <210> SEQ ID NO: 14
312 <211> LENGTH: 22
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Primer antisense 1257-1278 used to make probe against K10
319 <400> SEQUENCE: 14
320 tattcagtat tctggcactc gg                                22
323 <210> SEQ ID NO: 15
324 <211> LENGTH: 22
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Primer sense 195-217 used to make probe against K10
331 <400> SEQUENCE: 15
332 caggtggcta tggaggatta gg                                22
335 <210> SEQ ID NO: 16
336 <211> LENGTH: 22
337 <212> TYPE: DNA
338 <213> ORGANISM: Artificial Sequence
340 <220> FEATURE:
341 <223> OTHER INFORMATION: Primer antisense 687-708 used to make probe against K10
343 <400> SEQUENCE: 16
344 acctcattct catacttcag cc                                22
347 <210> SEQ ID NO: 17
348 <211> LENGTH: 22
349 <212> TYPE: DNA
350 <213> ORGANISM: Artificial Sequence
352 <220> FEATURE:
353 <223> OTHER INFORMATION: Primer sense 1046-1067 used to make probe against K1
355 <400> SEQUENCE: 17
356 gcatcattgc tgaggtcaag gc                                22
359 <210> SEQ ID NO: 18

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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 7,8,9,10,11
Seq#:2; N Pos. 7,8
Seq#:3; N Pos. 7,8
Seq#:4; N Pos. 7,8,9
Seq#:5; N Pos. 6
Seq#:6; N Pos. 7,8,9,10
Seq#:7; N Pos. 7
Seq#:8; N Pos. 2,8